the read-only memory **1530**. From these various memory units, the processing unit(s) **1510** retrieves instructions to execute and data to process in order to execute the processes of some embodiments.

[0141] The bus **1505** also connects to the input and output devices **1540** and **1545**. The input devices **1540** enable the user to communicate information and select commands to the electronic system. The input devices **1540** include alphanumeric keyboards and pointing devices (also called "cursor control devices"), cameras (e.g., webcams), microphones or similar devices for receiving voice commands, etc. The output devices **1545** display images generated by the electronic system or otherwise output data. The output devices **1545** include printers and display devices, such as cathode ray tubes (CRT) or liquid crystal displays (LCD), as well as speakers or similar audio output devices. Some embodiments include devices such as a touchscreen that function as both input and output devices.

[0142] Finally, as shown in FIG. **15**, bus **1505** also couples electronic system **1500** to a network **1525** through a network adapter (not shown). In this manner, the computer can be a part of a network of computers (such as a local area network ("LAN"), a wide area network ("WAN"), or an Intranet), or a network of networks, such as the Internet. Any or all components of electronic system **1500** may be used in conjunction with the invention.

[0143] Some embodiments include electronic components, such as microprocessors, storage and memory that store computer program instructions in a machine-readable or computer-readable medium (alternatively referred to as computer-readable storage media, machine-readable media, or machine-readable storage media). Some examples of such computer-readable media include RAM, ROM, read-only compact discs (CD-ROM), recordable compact discs (CD-R), rewritable compact discs (CD-RW), read-only digital versatile discs (e.g., DVD-ROM, dual-layer DVD-ROM), a variety of recordable/rewritable DVDs (e.g., DVD-RAM, DVD-RW, DVD+RW, etc.), flash memory (e.g., SD cards, mini-SD cards, micro-SD cards, etc.), magnetic and/or solid state hard drives, read-only and recordable Blu-Ray® discs, ultra density optical discs, any other optical or magnetic media, and floppy disks. The computer-readable media may store a computer program that is executable by at least one processing unit and includes sets of instructions for performing various operations. Examples of computer programs or computer code include machine code, such as is produced by a compiler, and files including higher-level code that are executed by a computer, an electronic component, or a microprocessor using an interpreter.

[0144] While the above discussion primarily refers to microprocessor or multi-core processors that execute software, some embodiments are performed by one or more integrated circuits, such as application specific integrated circuits (ASICs) or field programmable gate arrays (FPGAs). In some embodiments, such integrated circuits execute instructions that are stored on the circuit itself. In addition, some embodiments execute software stored in programmable logic devices (PLDs), ROM, or RAM devices.

[0145] As used in this specification and any claims of this application, the terms "computer", "server", "processor", and "memory" all refer to electronic or other technological devices. These terms exclude people or groups of people. For the purposes of the specification, the terms display or displaying means displaying on an electronic device. As used in this specification and any claims of this application, the terms "computer readable medium," "computer readable media," and "machine readable medium" are entirely restricted to tangible, physical objects that store information in a form that is readable by a computer. These terms exclude any wireless signals, wired download signals, and any other ephemeral signals.

[0146] While the invention has been described with reference to numerous specific details, one of ordinary skill in the art will recognize that the invention can be embodied in other specific forms without departing from the spirit of the invention. In addition, a number of the figures (including FIGS. **5** and **9**) conceptually illustrate processes. The specific operations of these processes may not be performed in the exact order shown and described. The specific operations may not be performed in one continuous series of operations, and different specific operations may be performed in different embodiments. Furthermore, the process could be implemented using several sub-processes, or as part of a larger macro process. Thus, one of ordinary skill in the art would understand that the invention is not to be limited by the foregoing illustrative details, but rather is to be defined by the appended claims.

1-12. (canceled)

13. A machine readable medium storing a program for execution by at least one processing unit of an electronic device, the program comprising sets of instructions for:

from a first interface to a third-party web service, receiving a request to utilize user data stored on the electronic device relating to user interaction with the third-party web service through a second interface to the third-party web service;

determining whether the first and second interfaces to the third-party web service are verified to share the user data relating to the third-party web service; and

only when the first and second interfaces are verified to share the user data, allowing the first interface to access and utilize the stored user data.

14. The machine readable medium of claim **13**, wherein the program is a daemon that operates in a background of the electronic device as part of an operating system of the electronic device.

15. The machine readable medium of claim **13**, wherein the set of instructions for determining whether the first and second interfaces are verified to share the user data comprises a set of instructions for querying a database for a 3-tuple of the first interface, the second interface, and a type of data requested.

16. The machine readable medium of claim **13**, wherein the request is received through an API exposed to the first interface.

17. The machine readable medium of claim **13**, wherein the first interface is an application specific to the third-party web service and the second interface is a web page of the third-party web service accessed through a web browser.

18. The machine readable medium of claim **13**, wherein the first and second interfaces are first and second web pages of the third-party web service accessed through a web browser, wherein the first and second web pages are accessed at different web domains.